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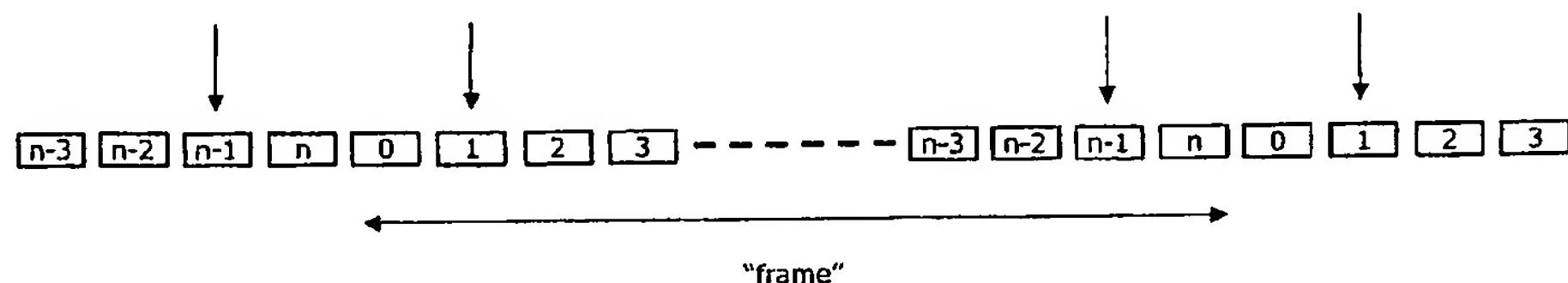
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(54) Title: **METHOD OF SYNCHRONIZING MESSAGE TRANSMISSIONS**

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(57) Abstract: In order to provide a method of synchronizing message transmissions between mobile nodes in an ad-hoc network using a medium access protocol, which method allows self-organization without a central synchronization clock, it is proposed that the messages are compared with one another with regard to their length and transmission rate, a message is sent by a node only when it ascertains that no message is being sent by any other node, and a node which receives two colliding message reports this to the sending nodes.